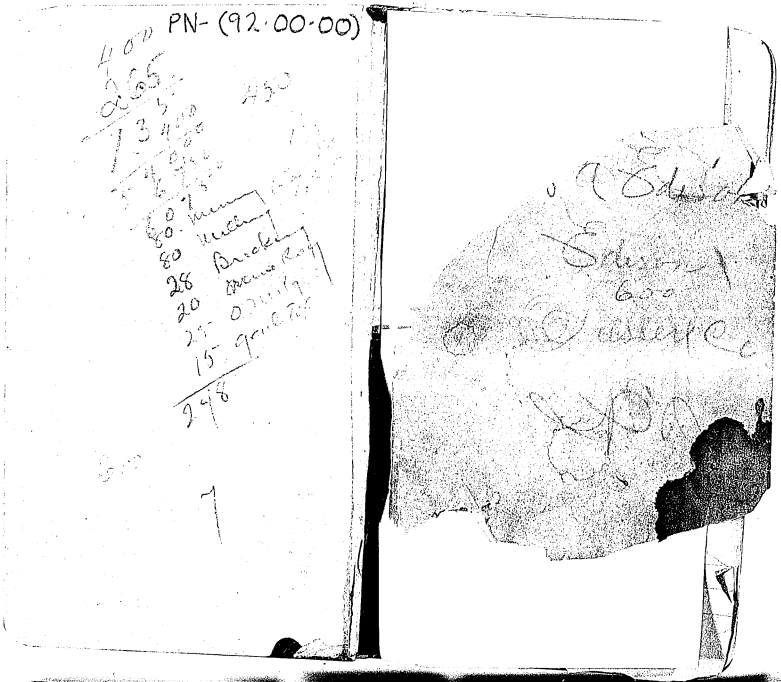
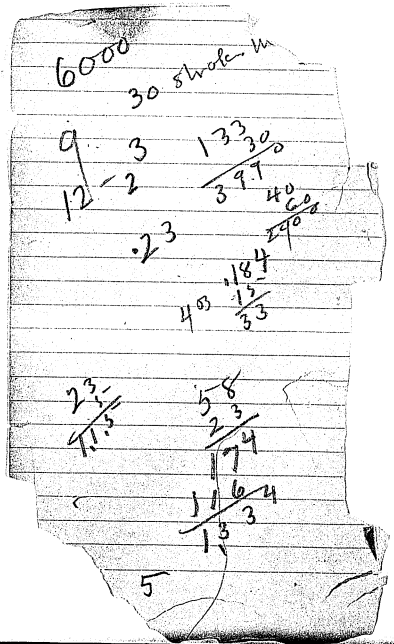
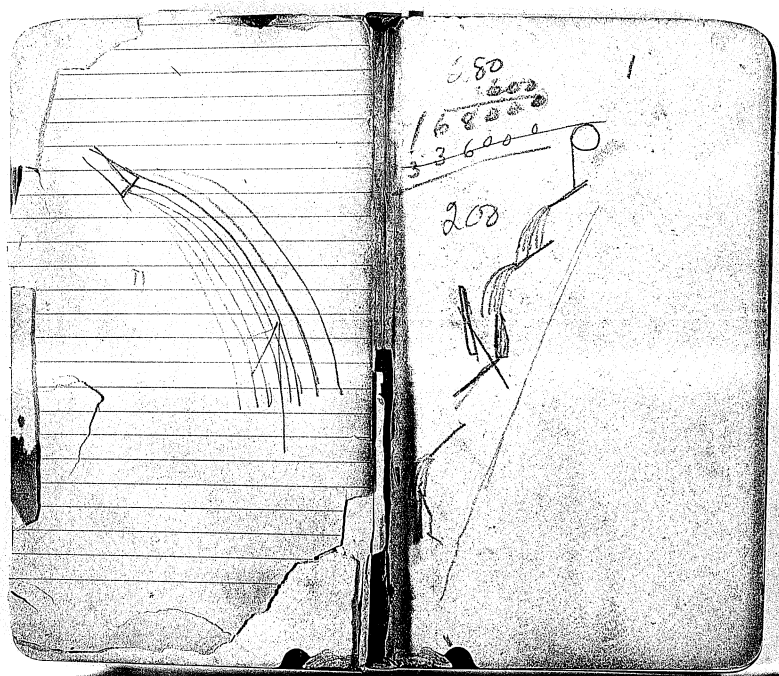
Notebook, PN-92-00-00

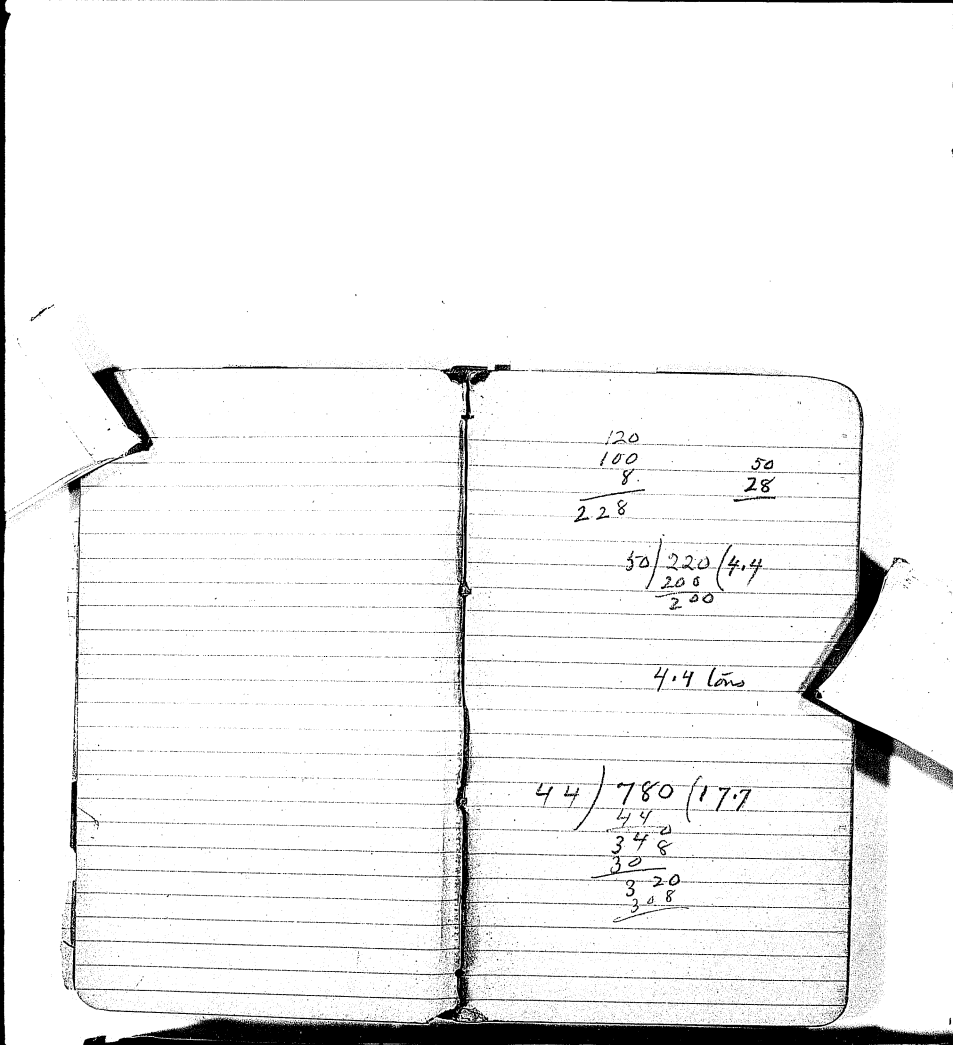
This undated pocket notebook was used by Edison for notes, drawings, and calculations relating to his ore milling plant at Ogden, N.J. The book is damaged, the back cover is missing, and several pages have been removed from the book. The pages are unnumbered, and the book has been used in both directions. Approximately 50 pages have been used.

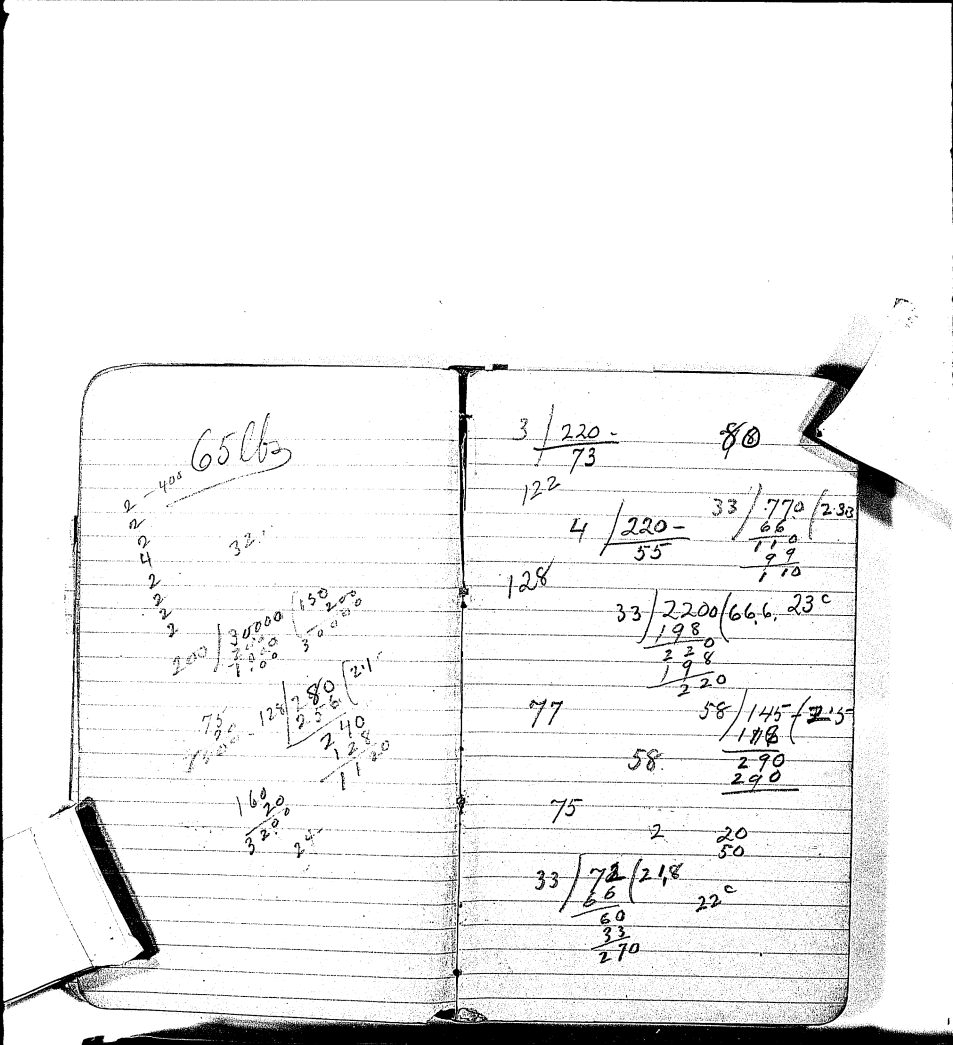

PN- (92.00.00)
400
265
430
60
80
80
28
20
15
248

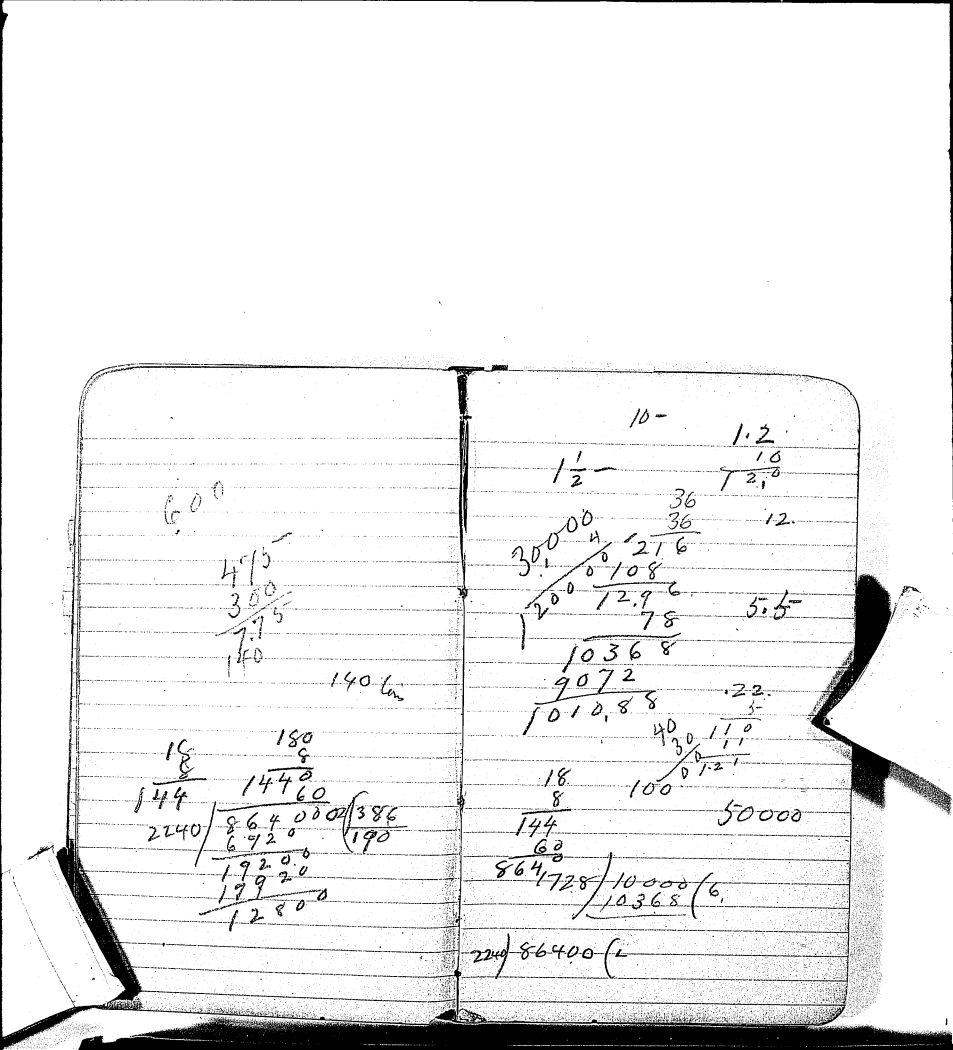
[ITEM FOUND IN BOOK]

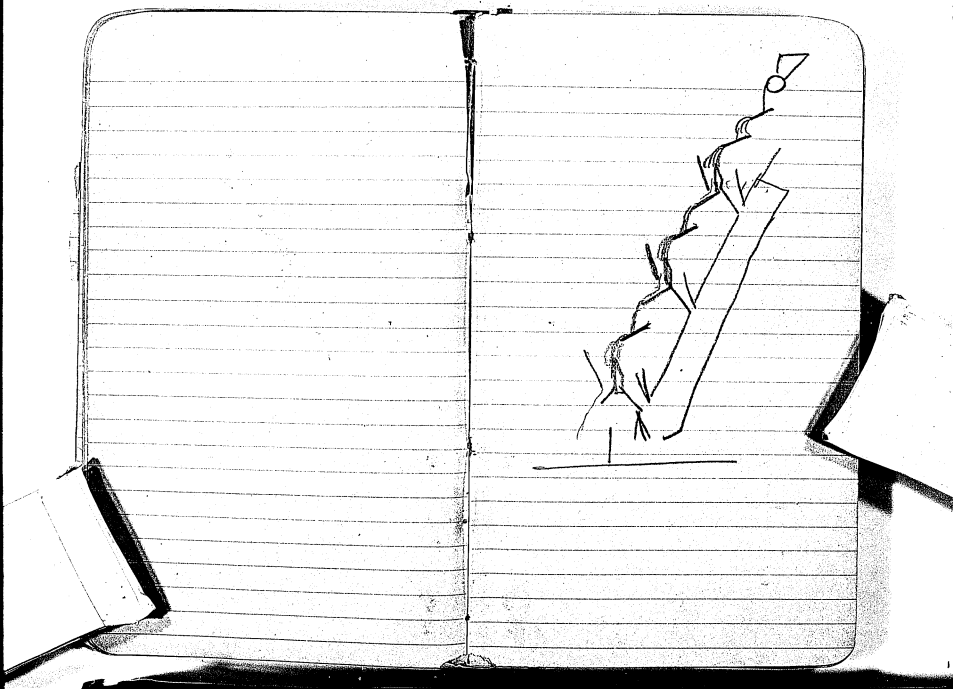



580
1
16800
33600
200

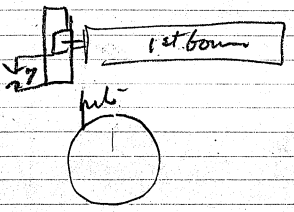

120
100
8
228
50
28
50 | 220 | 4.4
200
200
4.4 tons
44 | 780 | 17.7
44
348
308



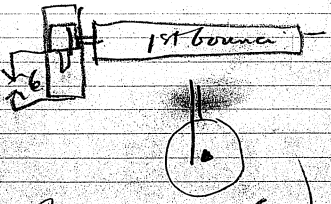




New machine



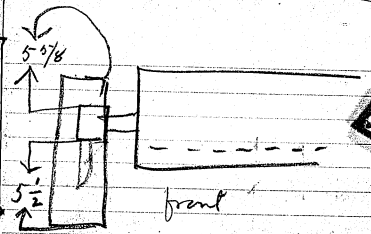
We set it to 6"



Rev of Roller feed
4½ - Slot ½

but verify this 1/2
Conc ng dont
spread as strikes
too low on impact
Cylinder —

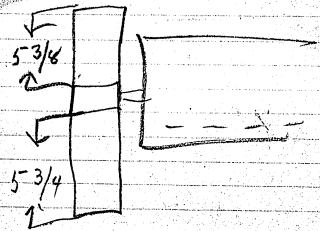
Setting it 1 be much
forward very much
spread the stuff
but I am going to
make it 1/2 inch
more - then



instead of 7 as at 1st.

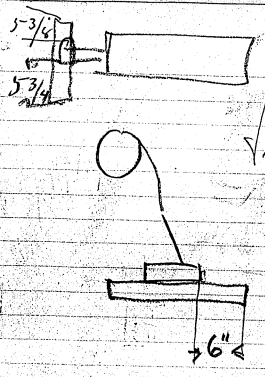
This was no good
made bad separation
We now put it back
1/4 inch

then

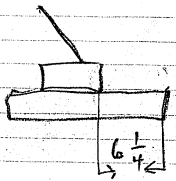


This seems to make best Spread of Stream —

We now set parking board



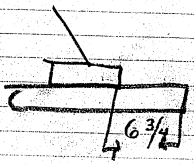
about 65-0/0 fine 35-0/0 Coarse - we set parking board which is now 6" to 6 1/4 This



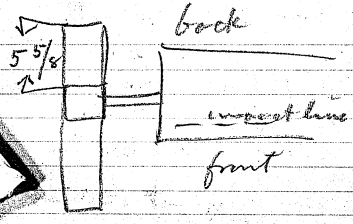
1st plug board

about 28% coarse
We now set it 1/4 more

this gave about 25% Coarse
We set it 1/4 more than

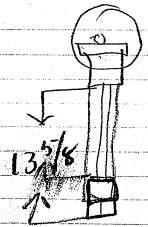


The Coarse is still 25%
I am going to make
another roll
this



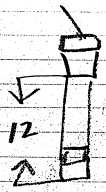
This seems to be about same as last setting can't say if there is much diffrence but I cannot get less than 25-0 % common unless I set paddles to catch scarcely any stuff - so I am going to set the Impact Roller & Dividing board down Gauth 3" from present position

The present position is this

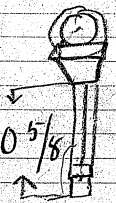


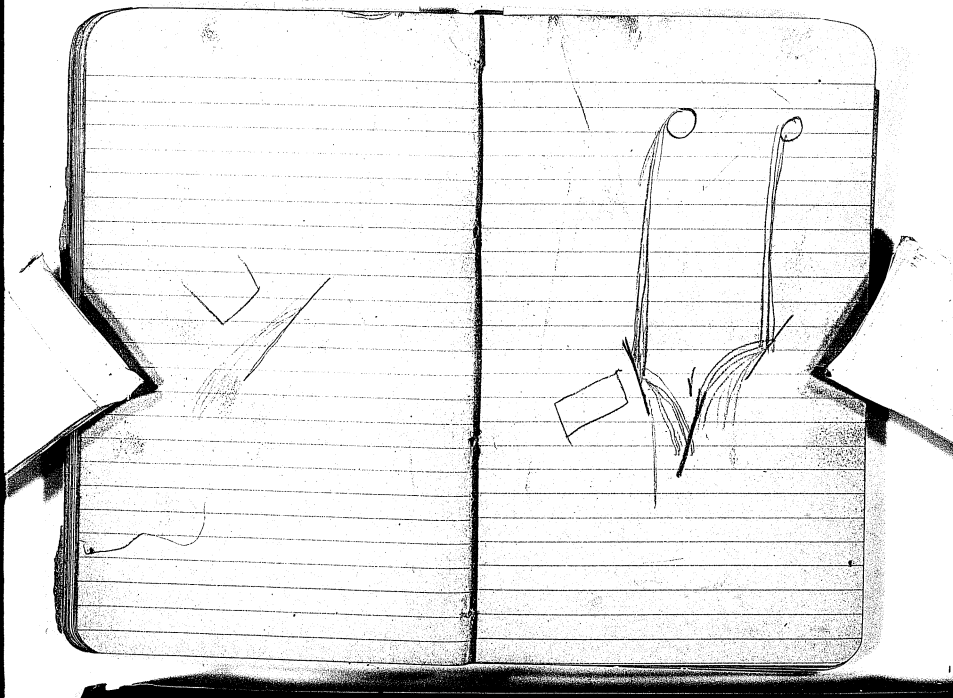
We changed it to 12"

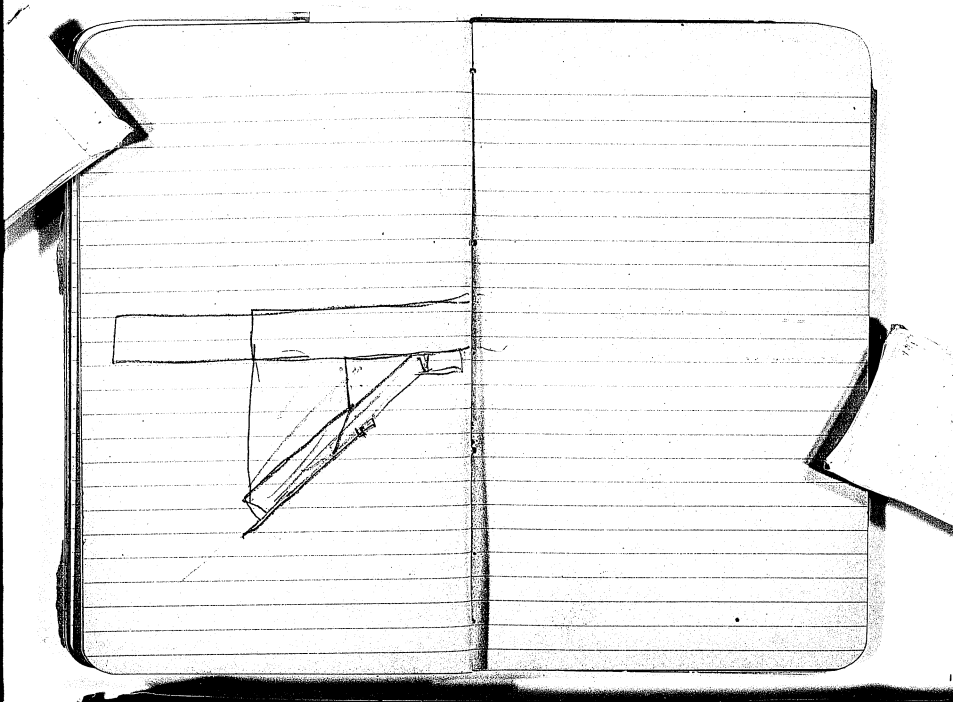
Then



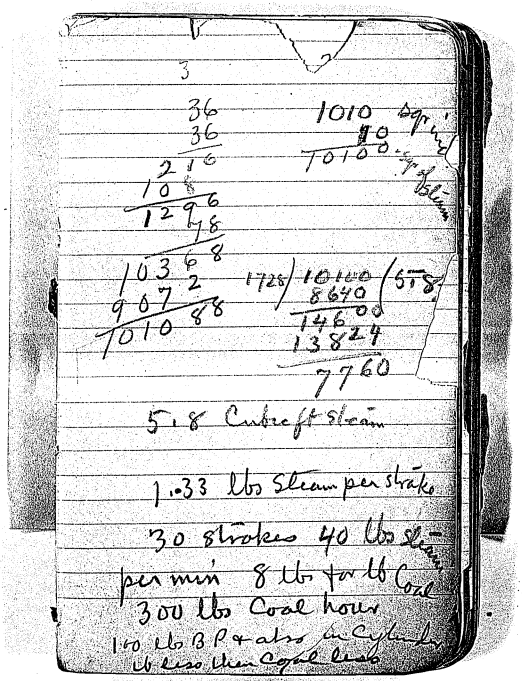
We change Roller down then







[THIS BOOK WAS USED IN BOTH DIRECTIONS.
THE FOLLOWING PAGES WERE FILMED FROM
THE BACK END FORWARD.]



200 72

80

750.

10

100 400

1200. 11 2

250.

1 500.000

1 255.000

1 245.000 -

1 m

100 -
100
25 -
10 -
15 -
35 -
10
300 -

280
400
1.120.000

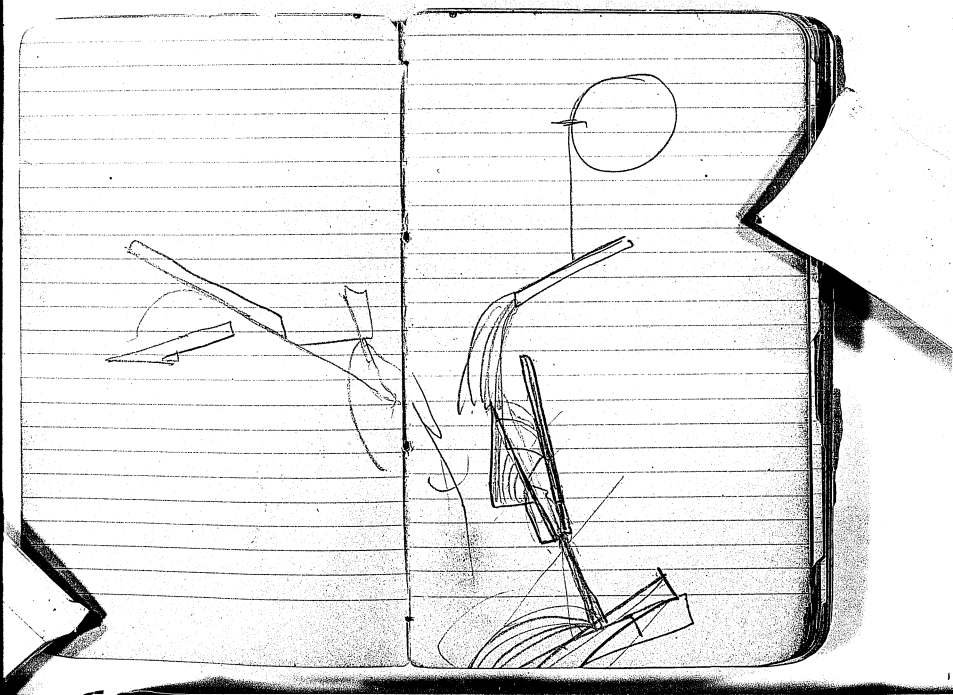
400

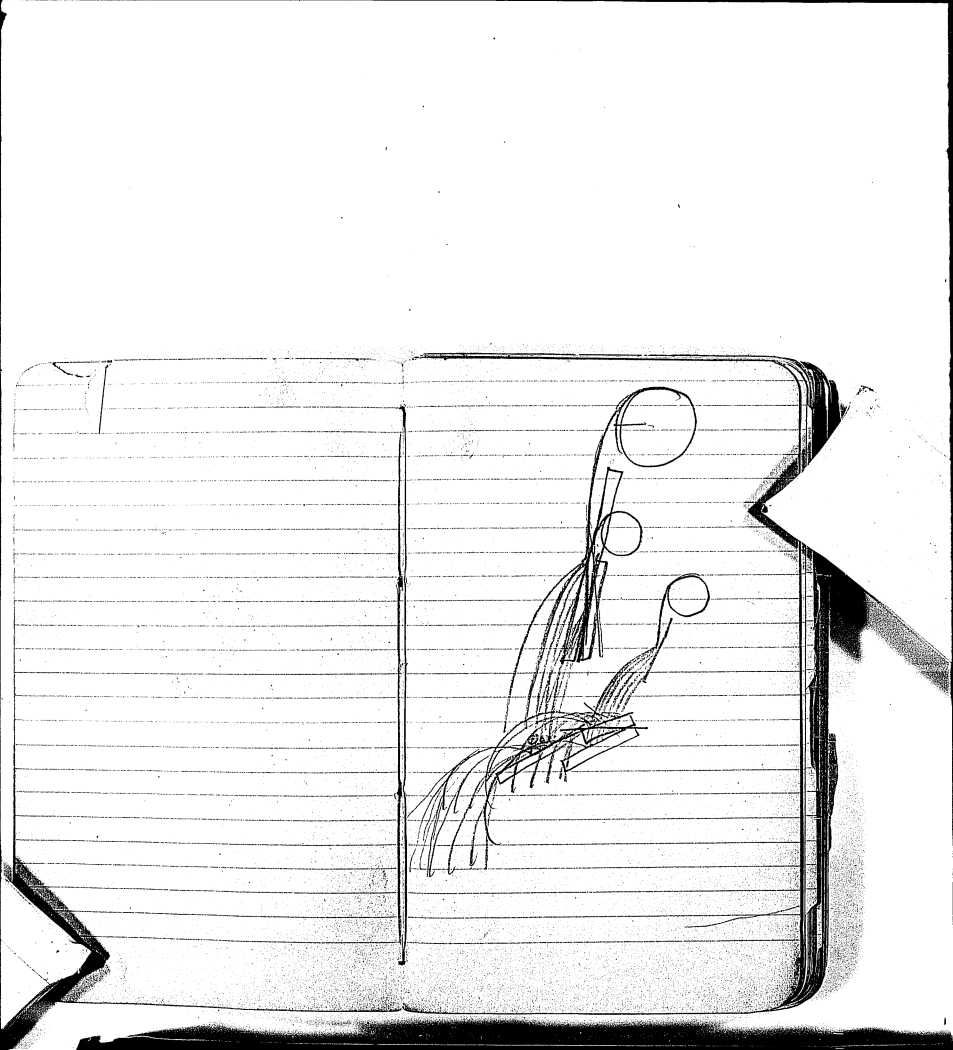
112000 -

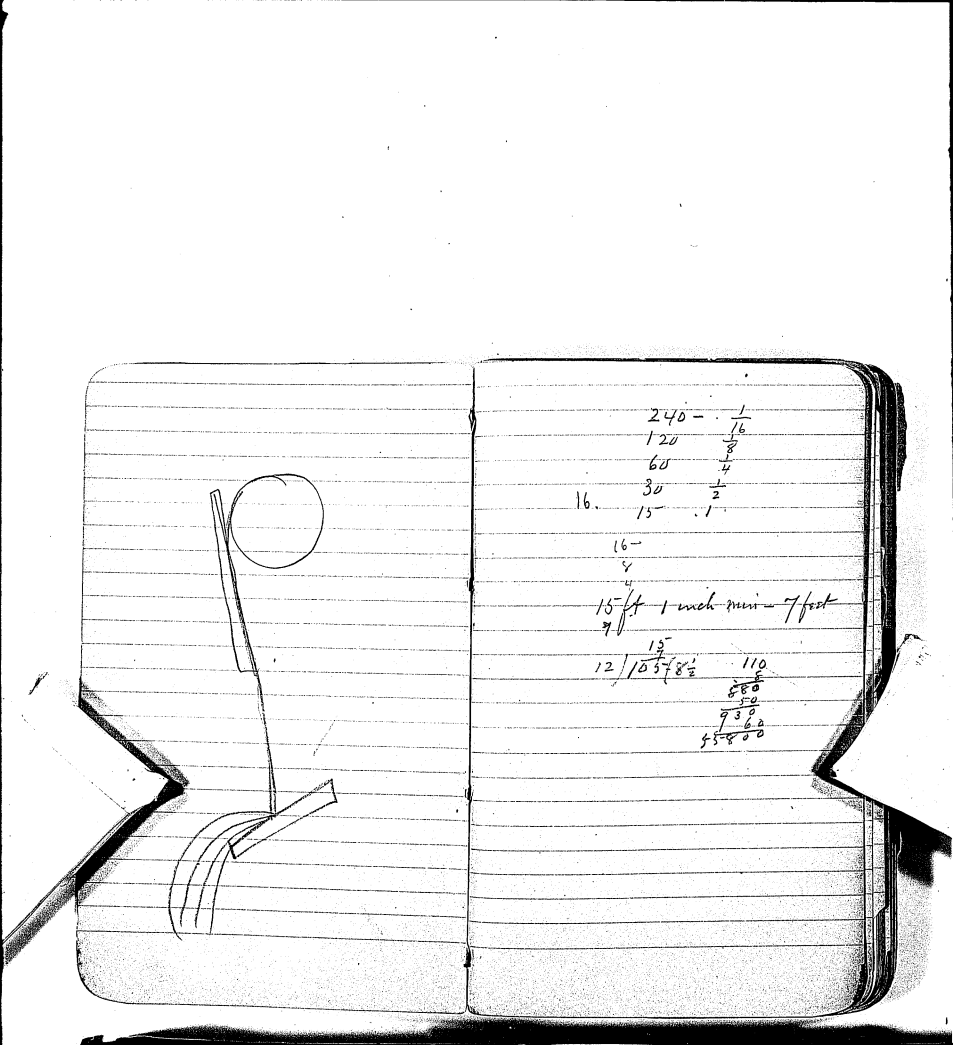
225 -

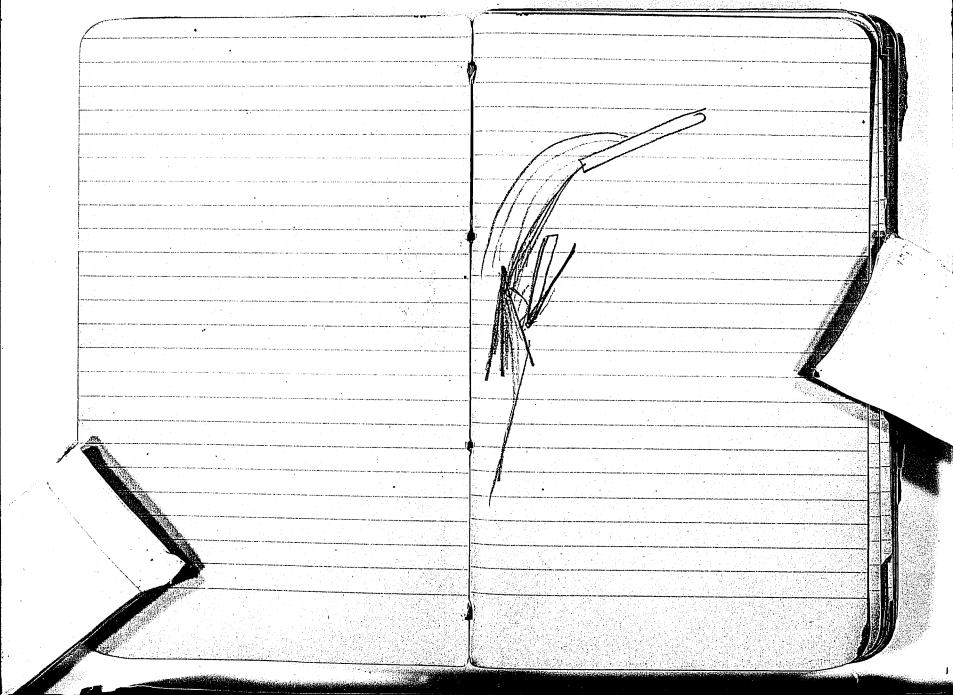
100 -

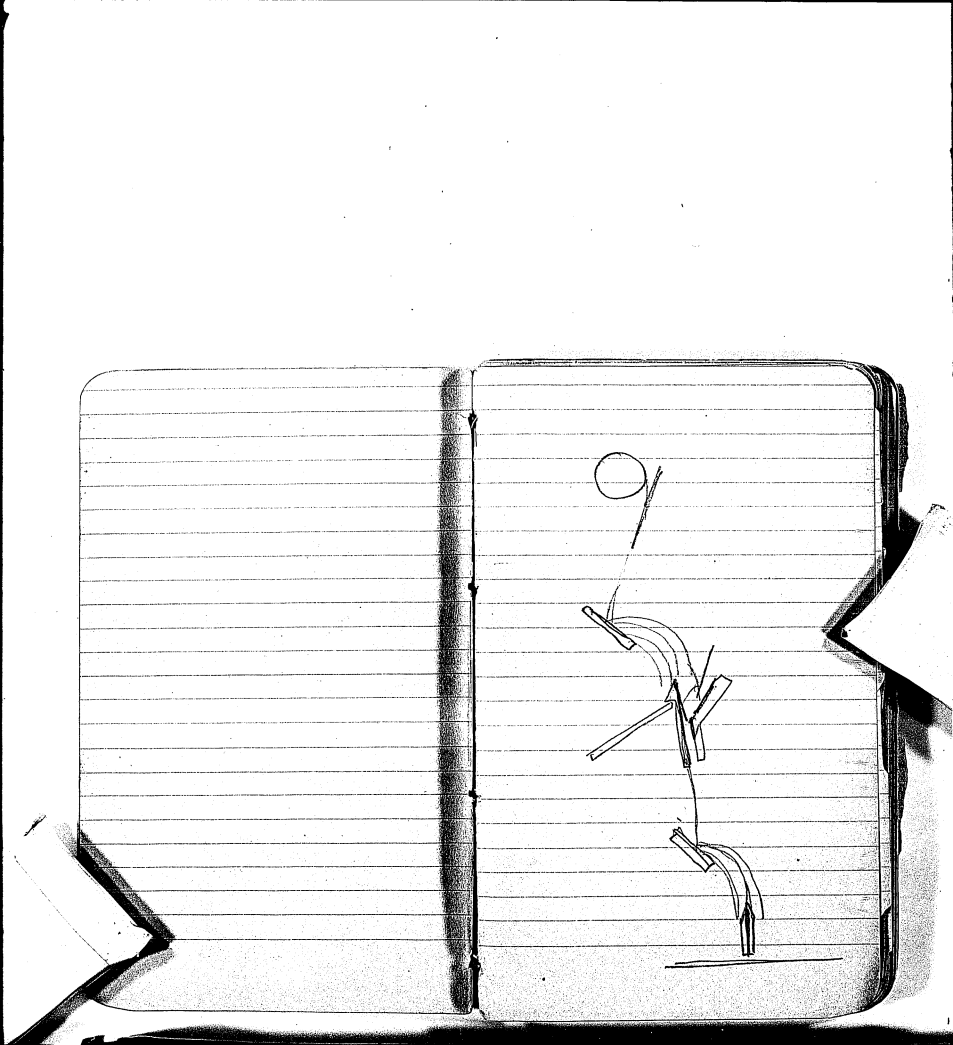
2.

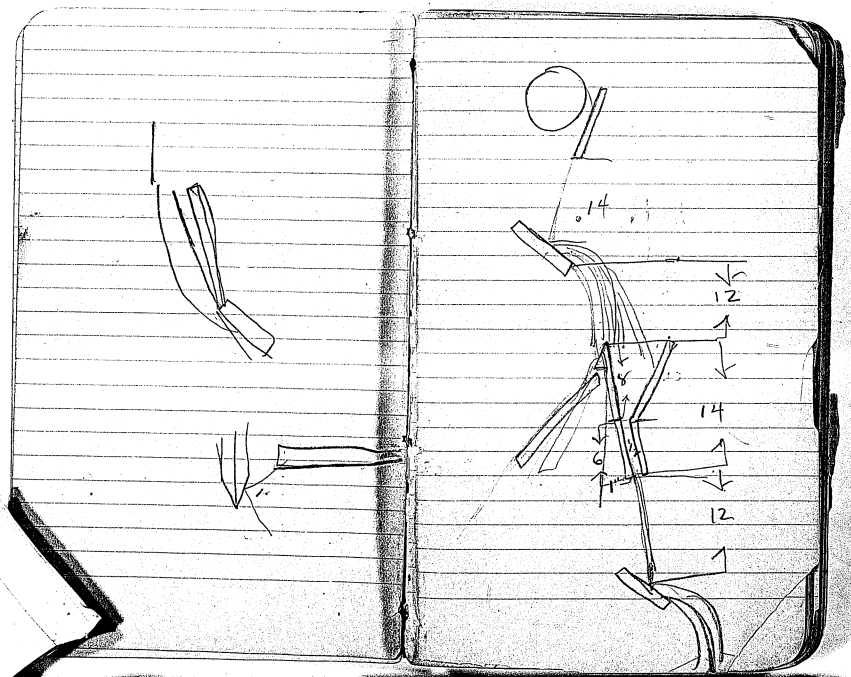


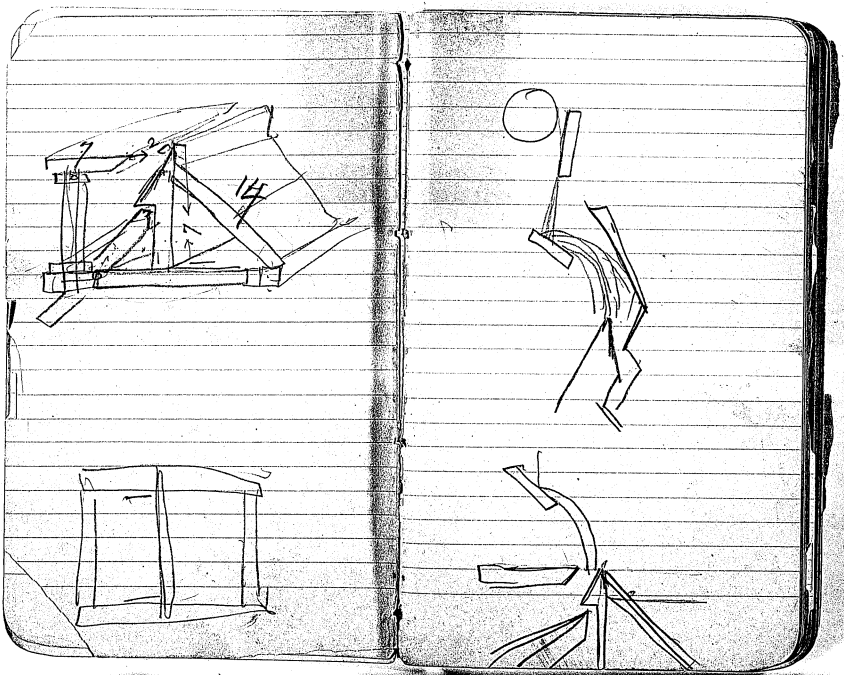


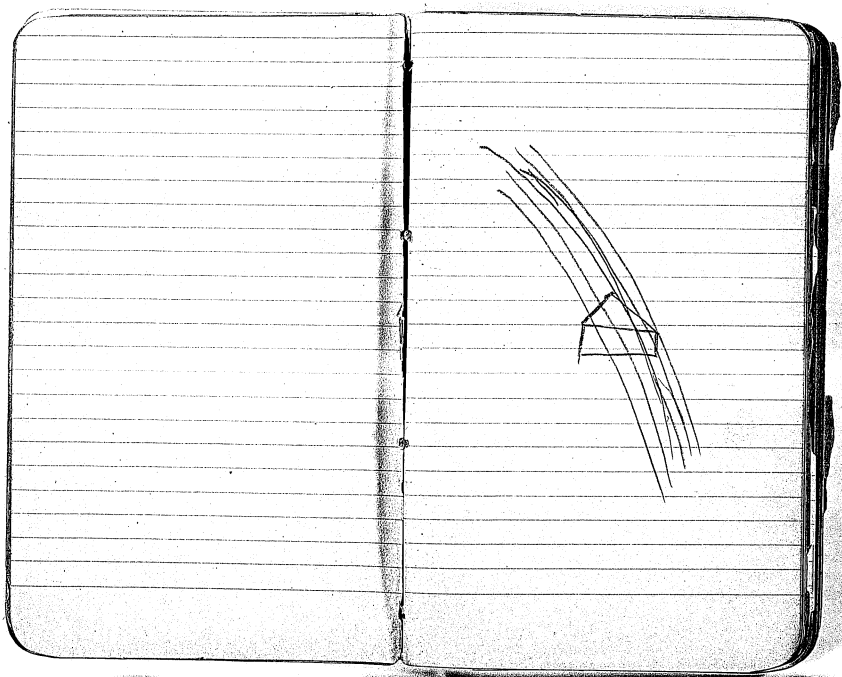

240 - 1/16
120 1/8
60 1/4
30 1/2
16. 15 - 1
16 -
15 ft 1 inch min - 7 feet
12 | 105 - 8 1/2
110
5
550
50
300
360
5500






14
12
8
14
6
4
1"
12





58 | 15.50 | 27
116
340
406

23.5 | 1450 | 61
1415
350

155 | 10000 | 64½
930
70
21

42.5 | 9000
850
500

Coarse
1
33.5
34.5

fine
14.5
9
23.5

Quality
15.50 Concentrates 27%
42.50 Coarse 73%
58.00

Quality
Concentrates

coarse 1 of 64½%
14.5 93½
15.5

Coarse
fine 9 21%
33.5 79%
42.5

% of fine out 61%
" " " left 39%

$26\overline{)150}\ 5\frac{8}{}$
130
20

26

$92.5\overline{)215}\ 23$
185
30

26
92.5
185
460
460.3000

$118.5\overline{)9250}\ 84$
9480

24.5
21.5
46 $245\ 5\frac{3}{5}$
230
150

2nd Qty Cow

Cows	1.5	5 8/10 %
fine	24.5	94 2/10 %
	26	

~~Cows~~		Rejection
fine	21.5	23 %
Cows	71	77 %
	92.5	

2 cunnity

26 cow	20 %
92.5 Rej	80 %
118.5	

% of fine saved 53 %
" " " lost 47 %

33
5.8
53 | 53

35.25 | 10

2.2506 | 21150 | 6⅓%
13500

108 | 245 | 2⅔
216
290
60
53
53 | 170

143.25 | 35.2500 | 24
28650
16000

33
24.5
57.5 | 33.00 | 60
34.50

1/4" fortn

Concentration

fine	33	93⅔	%
chaff	2.25	6⅓	%
	35.25		

Agitation

fine	245	23%
coarse	83.5	77
	108	

Quantity

35.25	24%
108	76%
143.25	

90 fine saved 60%
" " lost 40

62.5) 11 (17
625
4750

79) 1050 (13
79
210

141.5) 6250 (44
5900

51.5
10
61.5) 1000 (16
615
3850

1/4" from Screen than last

Concentrates

fine	111 - 51.5	83 %
coarse	11	17 %
	625	

Rejections

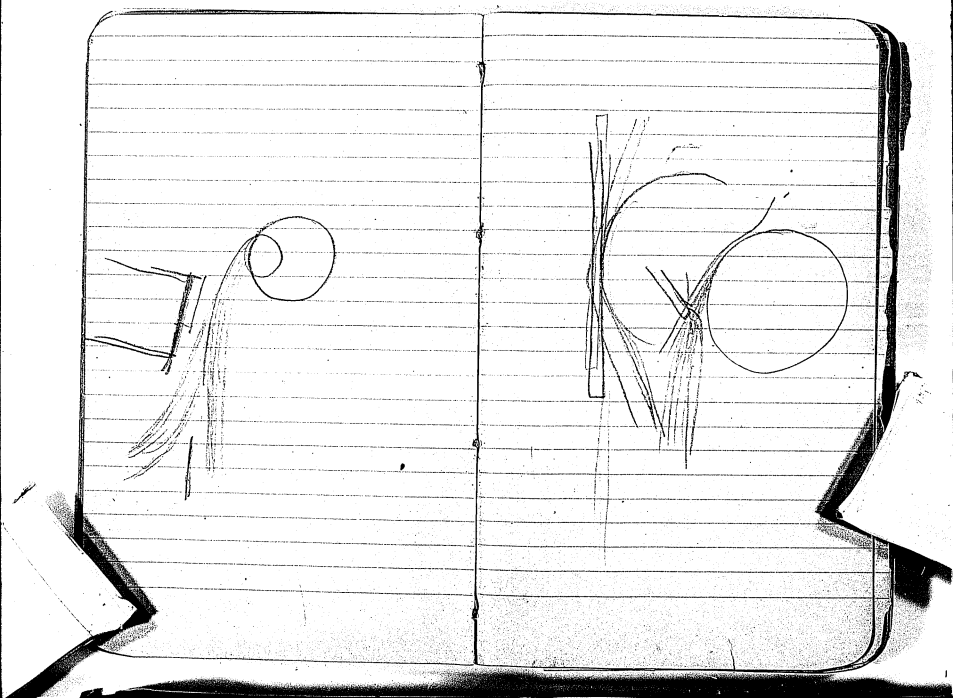
fine	10.	13 %
coarse	69	87 %
	79	

Quantity

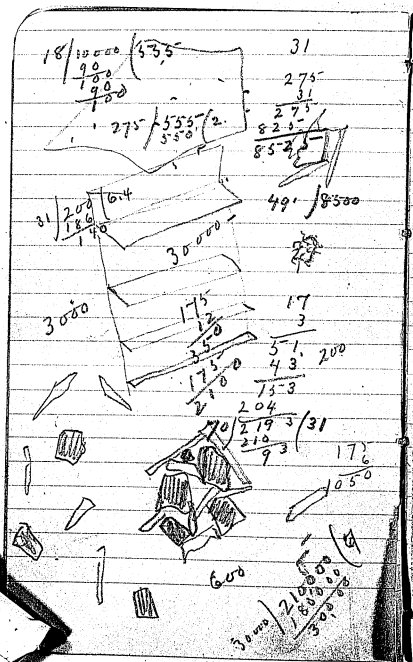
625	44 %
79	56 %
1415	

% fine saved 84 %

" " lost 16 %



60
90
1/4
1 1/2
18
2200
1320
7920
2376
1/4
23
45°
1/2
1



Belt machine

200 hp at 5c 6.4c per ton 10 000.
490 for belt. 2 yrs mean
8500 tons 5.7c per ton

12.1

Cost Belt mac 12.1 per ton

Washing & Gear.
20 hp bars
16 washer
5 screens
15 Conveyors

60 hp -
Labor Extra wanted 18.00
Saving in Separate 3.50
Water 3.00.
Coal 6.00

power 2.0
5
7

Saving 5c

3,50

400

60 | 24

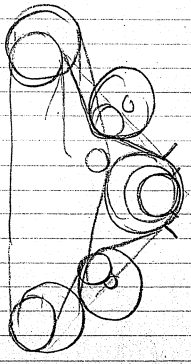
3.5
2 00
7 0 00
1 0

7 00
1 8
5 6 00
7 0 00
1 2 6 00
1 2 00
1 4 00

2240 | 5.6

21.0

350
1 5 0
17 5 2 00
19 6

20,000

8500 | 40000 | 4.7
4 15 00
6 5 000